

WHAT IS CLAIMED IS:

1. A composition comprising a continuous liquid fatty phase gelled or thickened with a sufficient amount of at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit, the fatty phase comprising at least one oil that has solubility parameters δ_d , δ_p and δ_h satisfying the following conditions:

$$[4(\delta_d - \delta_{d_e})^2 + (\delta_p - \delta_{p_e})^2 + (\delta_h - \delta_{h_e})^2]^{1/2} \leq 10$$

wherein δ_{d_e} , δ_{p_e} and δ_{h_e} are the solubility parameters of the at least one fatty acid ester of dextrin, and wherein the liquid fatty phase and the at least one fatty acid ester of dextrin form a physiologically acceptable medium.

2. The composition according to Claim 1, wherein the repeating unit of the at least one fatty acid ester of dextrin is a glucose unit.

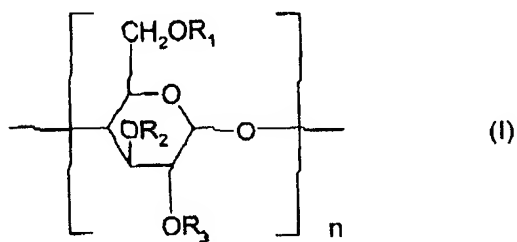
3. A composition comprising a continuous liquid fatty phase gelled or thickened with a sufficient amount of a mixture comprising at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit, and at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 on the basis of one repeating unit, wherein the liquid fatty phase and the at least one fatty acid ester of dextrin form a physiologically acceptable medium.

4. The composition according to Claim 3, wherein the repeating unit of the at least one fatty acid ester of dextrin is a glucose unit.

5. A wax-free anhydrous composition comprising a continuous liquid fatty phase thickened or gelled with a sufficient amount of at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit to thicken or gel the liquid fatty phase, wherein the liquid fatty phase and the at least one fatty acid ester of dextrin form a physiologically acceptable medium.

6. The composition according to claim 5, wherein the repeating unit of the least one fatty acid ester of dextrin is a glucose unit.

7. The composition according to Claim 1, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of a repeating unit, corresponds to formula (I):



wherein:

the radicals R_1 , R_2 and R_3 , which may be identical or different, are each chosen from hydrogen and acyl groups $R\text{-CO-}$ wherein the radical R is chosen from linear and branched, saturated and unsaturated hydrocarbon-based groups comprising from 6 to 50 carbon atoms, with the proviso that at least one of the radicals R_1 , R_2 or R_3 is not a hydrogen atom, and n is an integer ranging from 3 to 150.

8. The composition according to Claim 7, wherein, in the definition of R , the hydrocarbon-based groups comprise from 8 to 30 carbon atoms.

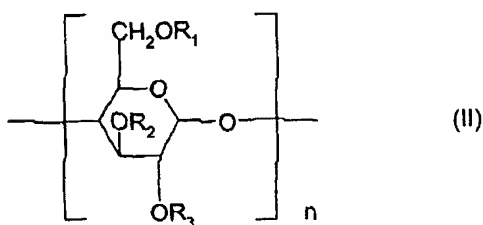
9. The composition according to Claim 8, wherein, in the definition of R , the hydrocarbon-based groups comprise from 12 to 22 carbon atoms.

10. The composition according to Claim 9, wherein, in the definition of R , the hydrocarbon-based groups comprise from 12 to 18 carbon atoms.

11. The composition according to Claim 7, wherein n is an integer ranging from 10 to 100.

12. The composition according to Claim 11, wherein n is an integer ranging from 15 to 40.

13. The composition according to Claim 1, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 corresponds to formula (II):



wherein:

radicals R_1 , R_2 and R_3 , which may be identical or different, are each chosen from hydrogen and acyl groups $R\text{-CO-}$, wherein the radical R is chosen from linear and branched, saturated and unsaturated hydrocarbon-based groups comprising from 6 to 50 carbon atoms, with the proviso that at least one of the radicals R_1 , R_2 or R_3 is not a hydrogen, and n is an integer ranging from 3 to 150.

14. The composition according to Claim 13, wherein, in the definition of R , the hydrocarbon-based groups comprise from 8 to 30 carbon atoms.

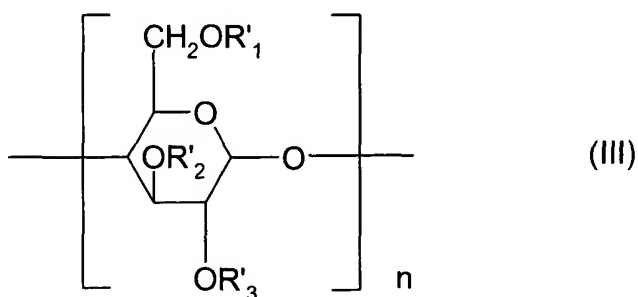
15. The composition according to Claim 14, wherein, in the definition of R , the hydrocarbon-based groups comprise from 12 to 22 carbon atoms.

16. The composition according to Claim 15, wherein, in the definition of R , the hydrocarbon-based groups comprise from 12 to 18 carbon atoms.

17. The composition according to Claim 16, wherein n is an integer ranging from 10 to 100.

18. The composition according to Claim 17, wherein n is an integer ranging from 15 to 40.

19. The composition according to Claim 3, wherein the at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 corresponds to formula (III):



wherein:

radicals R'_1 , R'_2 and R'_3 , which may be identical or different, are each chosen from hydrogen and acyl groups $R'-CO-$, wherein the radical R' is chosen from linear and branched, saturated and unsaturated hydrocarbon-based groups comprising from 6 to 50 carbon atoms, with the proviso that at least one of the radicals R'_1 , R'_2 or R'_3 is not a hydrogen atom, and

n is an integer ranging from 3 to 150.

20. The composition according to Claim 19, wherein, in the definition of R' , the hydrocarbon-based groups comprise from 8 to 30 carbon atoms.

21. The composition according to Claim 20, wherein, in the definition of R' , the hydrocarbon-based groups comprise from 12 to 22 carbon atoms.

22. The composition according to Claim 21, wherein, in the definition of R' , the hydrocarbon-based groups comprise from 12 to 18 carbon atoms.

23. The composition according to Claim 19, wherein n is an integer ranging from 10 to 100.

24. The composition according to Claim 23, wherein n is an integer ranging from 15 to 40.

25. The composition according to Claim 7, wherein the R-CO- of formula (I) is chosen from at least one of caprylyl, caproyl, lauroyl, myristyl, palmityl, stearyl, eicosanyl, docosanoyl, isovaleryl, 2-ethylbutyryl, ethylmethyacetyl, isoheptanyl, 2-ethylhexanyl, isononanyl, isodecanyl, isotridecanyl, isomyristyl, isopalmityl, isostearyl, isohexanyl, decenyl, dodecenyl, tetradecenyl, myristyl, hexadecenoyl, palmitoleyl, oleyl, elaidyl, eicosenyl, sorbyl, linoleyl, linolenyl, punicyl, arachidonyl and stearyl radicals.

26. The composition according to Claim 13, wherein the R-CO- of formula (II) is chosen from at least one of caprylyl, caproyl, lauroyl, myristyl, palmityl, stearyl, eicosanyl, docosanoyl, isovaleryl, 2-ethylbutyryl, ethylmethyacetyl, isoheptanyl, 2-ethylhexanyl, isononanyl, isodecanyl, isotridecanyl, isomyristyl, isopalmityl, isostearyl, isohexanyl, decenyl, dodecenyl, tetradecenyl, myristyl, hexadecenoyl, palmitoleyl, oleyl, elaidyl, eicosenyl, sorbyl, linoleyl, linolenyl, punicyl, arachidonyl and stearyl radicals.

27. The composition according to Claim 19, wherein the R'-CO- of formula (III) is chosen from at least one of caprylyl, caproyl, lauroyl, myristyl, palmityl, stearyl, eicosanyl, docosanoyl, isovaleryl, 2-ethylbutyryl, ethylmethyacetyl, isoheptanyl, 2-ethylhexanyl, isononanyl, isodecanyl, isotridecanyl, isomyristyl, isopalmityl, isostearyl, isohexanyl, decenyl, dodecenyl, tetradecenyl, myristyl, hexadecenoyl, palmitoleyl, oleyl, elaidyl, eicosenyl, sorbyl, linoleyl, linolenyl, punicyl, arachidonyl and stearyl radicals.

28. The composition according to Claim 7, wherein the radical R of formula (I) is linear.

29. The composition according to Claim 13, wherein the radical R of formula (II) is linear.

30. The composition according to Claim 19, wherein the radical R' of formula (III) is linear.

31. The composition according to Claim 7, wherein the R-CO- of formula (I) is a palmitic radical.

32. The composition according to Claim 13, wherein the R-CO- of formula (II) is a palmitic radical.

33. The composition according to Claim 19, wherein the R'-CO- of formula (III) is a palmitic radical.

34. The composition according to Claim 1, wherein the degree of substitution of the at least one fatty acid ester of dextrin with a degree of substitution less than 2 is less than 1.9.

35. The composition according to Claim 34, wherein the degree of substitution is less than 1.8.

36. The composition according to Claim 35, wherein the degree of substitution ranges from 1.5 to 1.7.

37. The composition according to Claim 7, wherein the n of formula (I) ranges from 25 to 35.

38. The composition according to Claim 37, wherein the n of formula (I) ranges from 27 to 33.

39. The composition according to Claim 29, wherein the n of formula (I) is 30.

40. The composition according to Claim 1, wherein the weight-average molecular weight of the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 ranges from 10 000 to 30 000.

41. The composition according to Claim 40, wherein the weight average molecular weight of the at least one fatty acid ester of dextrin with a degree of substitution of less than two ranges from 15 000 to 20 000.

42. The composition according to Claim 3, wherein the at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 has a degree of substitution greater than 2.1.

43. The composition according to Claim 42, wherein the at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 has a degree of substitution ranging from 2.1 to 2.3.

44. The composition according to Claim 1, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit is present in an amount ranging from 1% to 50% by weight, relative to the total weight of the composition.

45. The composition according to Claim 44, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit is present in an amount ranging from 4% to 30% by weight, relative to the total weight of the composition.

46. The composition according to Claim 45, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit is present in an amount ranging from 4% to 25% by weight, relative to the total weight of the composition.

47. The composition according to Claim 46, wherein the at least one fatty acid ester of dextrin with a degree of substitution less than 2 on the basis of one repeating unit

is present in an amount ranging from 5% to 25% by weight, relative to the total weight of the composition.

48. The composition according to Claim 47, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit is present in an amount ranging from 4 % to 25 % by weight, relative to the total weight of the composition.

49. The composition according to Claim 48, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit is present in an amount ranging from 10% to 25% by weight, relative to the total weight of the composition.

50. The composition according to Claim 3, wherein the mixture of the fatty acid esters of dextrin is present in an amount of less than or equal to 50%.

51. The composition according to Claim 50, wherein the mixture of the fatty acid esters of dextrin is present in an amount ranging from 1 % to 50 % by weight, relative to the total weight of the composition.

52. The composition according to Claim 51, wherein the mixture of the fatty acid esters of dextrin is present in an amount ranging from 5% to 40% by weight, relative to the total weight of the composition.

53. The composition according to Claim 52, wherein the mixture of the fatty acid esters of dextrin is present in an amount ranging from 5% to 30% by weight, relative to the total weight of the composition.

54. The composition according to Claim 56, wherein the mixture of the fatty acid esters of dextrin is present in an amount ranging from 9 % to 25 % by weight, relative to the total weight of the composition.

55. The composition according to Claim 3, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 and the at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 are present in relative mass proportions ranging from 1:10 to 3:1.

56. The composition according to Claim 55, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 and the at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 are present in relative mass proportions ranging from 1:2 to 3:2.

57. The composition according to Claim 56, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 and the at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 are present in relative mass proportions ranging from 0.8:1 to 1.2:1.

58. The composition according to Claim 57, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 and the at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 are present in relative mass proportions ranging from 0.9:1 to 1.1:1.

59. The composition according to Claim 58, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 and the at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 are present in relative mass proportions ranging from 1:2 to 1:1.

60. The composition according to claim 1, wherein the at least one oil is chosen from fatty acid triglycerides of 4 to 22 carbon atoms, hydroxylated triglycerides, synthetic alcohols comprising from 12 to 26 carbon atoms, and C₄ to C₂₂ fatty acid esters.

61. The composition according to Claim 60, wherein the at least one oil is castor oil.

62. The composition according to Claim 1, wherein the liquid fatty phase comprises at least one volatile organic oil.

63. The composition according to Claim 62, wherein the at least one volatile organic oil is chosen from octamethylcyclotetrasiloxane, decamethylcyclopentasiloxane, dodecamethylcyclohexasiloxane, heptamethylhexyltrisiloxane, heptamethyloctyltrisiloxane, hexamethyldisiloxane, octamethyltrisiloxane, decamethyltetrasiloxane, dodecamethylpentasiloxane, isododecane, isodecane and isohehexadecane.

64. The composition according to Claim 63, wherein the at least one volatile organic oil is present in an amount ranging from 0.1% to 80% by weight, relative to the total weight of the composition.

65. The composition according to Claim 64, wherein the at least one volatile organic oil is present in an amount ranging from 1% to 60% by weight, relative to the total weight of the composition.

66. The composition according to Claim 65, wherein the at least one volatile organic oil is present in an amount ranging from 5% to 50% by weight, relative to the total weight of the composition.

67. The composition according to Claim 1, wherein the liquid fatty phase comprises at least one non-volatile oil.

68. The composition according to Claim 67, wherein the at least one non-volatile oil is present in an amount ranging from 0.1% to 80% by weight, relative to the total weight of the composition.

69. The composition according to Claim 68, wherein the at least one non-volatile oil is present in an amount ranging from 1% to 60% by weight, relative to the total weight of the composition.

70. The composition according to Claim 69, wherein the at least one non-volatile oil is present in an amount ranging from 5% to 50% by weight, relative to the total weight of the composition.

71. The composition according to Claim 1, wherein the liquid fatty phase comprises from 5% to 95% by weight of at least one oil, relative to the total weight of the composition.

72. The composition according to Claim 71, wherein the liquid fatty phase comprises from 20% to 75% by weight of at least one oil, relative to the total weight of the composition.

73. The composition according to Claim 72, wherein the liquid fatty phase comprises from 30% to 70% by weight of at least one oil, relative to the total weight of the composition.

74. The composition according to claim 1, wherein
 $[4(\delta d - \delta d_e)^2 + (\delta p - \delta p_e)^2 + (\delta h - \delta h_e)^2]^{1/2} \leq 8.$

75. The composition according to claim 1, wherein
 $[4(\delta d - \delta d_e)^2 + (\delta p - \delta p_e)^2 + (\delta h - \delta h_e)^2]^{1/2} \leq 5.$

76. The composition according to Claim 1, wherein the values of the Hansen solubility parameters for the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 are such that $17 \leq \delta d_e \leq 19$, $1 \leq \delta p_e \leq 2$ and $9 \leq \delta h_e \leq 11$.

77. The composition according to Claim 1, further comprising at least one additional non-waxy gelling or thickening system chosen from:

- N-lauryl L-glutamate α,γ -di-N-butylamide,
- monodibenzylidene sorbitol,
- 1,2- and 1,3-cyclohexane derivatives bearing at least one amide functional group, and
- palmitates of dextrans and of fatty acid with a degree of substitution of greater than 2 relative to one glucose unit.

78. The composition according to Claim 3, further comprising at least one additional non-waxy gelling or thickening system chosen from:

- N-lauryl L-glutamate α,γ -di-N-butylamide,
- monodibenzylidene sorbitol, and
- 1,2- and 1,3-cyclohexane derivatives bearing at least one amide functional group.

79. The composition according to Claim 1, further comprising at least one dyestuff chosen from lipophilic dyes, hydrophilic dyes, pigments and nacs.

80. The composition according to Claim 79, wherein the at least one dyestuff is present in an amount ranging from 0.01% to 50% by weight, relative to the total weight of the composition.

81. The composition according to Claim 80, wherein the at least one dyestuff is present in an amount ranging from 5% to 25% by weight, relative to the total weight of the composition.

82. The composition according Claim 1, wherein the composition is provided in solid or semi-solid forms.

83. The composition according to Claim 1, wherein the composition is provided in the form of a rigid gel.

84. The composition according to Claim 83, wherein the composition is provided in the form of a stick.

85. The composition according to Claim 1, wherein the composition is provided in a form chosen from mascaras, eyeliners, foundations, lipsticks, blushes, deodorant products, makeup-removing products, makeup products for the body, eye-shadows, makeup rouges, concealer products, shampoos, conditioners, antisen compositions, and care products for the face and the body.

86. The composition according to Claim 1, wherein the composition is provided in a form chosen from tubes of lipstick, lip balms, lip glosses, and compositions to be applied over a film of lipstick.

87. The composition according to Claim 1, wherein the composition is free of waxes.

88. The composition according to Claim 1, wherein the composition is anhydrous.

89. A method for increasing the gloss of a composition and/or improving the stability of a composition, comprising including at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit, in a composition comprising a continuous liquid fatty phase, the fatty phase comprising at least one oil having solubility parameters δ_d , δ_p and δ_h satisfying the following conditions:

$$[4(\delta_d - \delta_{d_e})^2 + (\delta_p - \delta_{p_e})^2 + (\delta_h - \delta_{h_e})^2]^{1/2} \leq 10$$

wherein δ_{d_e} , δ_{p_e} and δ_{h_e} are the solubility parameters of the dextrin ester, and wherein the least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit is effective for increasing the gloss of the composition and/or improving the stability of the composition.

90. The method according to Claim 92, wherein the repeating unit of the at least one fatty acid ester of dextrin is a glucose unit.

91. A method of improving the uniformity of a deposit of a composition comprising including in the composition at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit, in a composition comprising a continuous liquid fatty phase and pigments, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 is effective for improving the uniformity of a deposit of the composition .

92. The method according to Claim 91, wherein the uniformity of the deposit of the composition is color uniformity.

93. The method according to Claim 91, wherein the repeating unit of the at least one fatty acid ester of dextrin is a glucose unit.

94. A method for imparting to a composition at least one property chosen from increasing the gloss of a composition, improving the stability of a composition, giving a composition transparency, gelling or thickening a fatty phase of a composition comprising including in the composition at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit in a wax-free anhydrous composition comprising a liquid fatty phase, wherein the at least one fatty acid ester of dextrin with a degree of substitution of less than 2 is effective for imparting on the composition at least one of said properties.

95. The method according to Claim 94, wherein the repeating unit of the at least one fatty acid ester of dextrin is a glucose unit.

96. A method for increasing the uniformity of a deposit of a composition comprising including in the composition at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit, in a wax-free anhydrous composition comprising a liquid fatty phase and pigments, wherein the at least one fatty

acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit is effective for increasing the uniformity of the composition.

97. The method according to Claim 96, wherein the repeating unit of the at least one fatty acid ester of dextrin is a glucose unit.

98. The method according to Claim 97, wherein the uniformity of the deposit of the composition is color uniformity.

99. A method for imparting to a composition at least one property chosen from properties of increasing the sheen of a composition, improving the stability of a composition, limiting the exudation of a composition, giving a composition transparency, gelling or thickening a fatty phase of a composition, obtaining a stable composition, and obtaining a composition that applies easily to a keratin material comprising including in the composition a sufficient amount of a mixture comprising at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of one repeating unit and at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 on the basis of one repeating unit in a composition comprising a liquid fatty phase, wherein the mixture of fatty acid esters of dextrin is effective for imparting on the composition at least one of said properties.

100. The method according to Claim 99, wherein the repeating unit of the at least one fatty acid esters of dextrin is a glucose unit.

101. A method for imparting on a composition at least one property chosen from properties of improving the uniformity of the deposit of a composition, obtaining a stable composition, and obtaining a composition that applies easily to a keratin material comprising including in the composition a sufficient amount of a mixture comprising at least one fatty acid ester of dextrin with a degree of substitution of less than 2 on the basis of

one repeating unit and at least one fatty acid ester of dextrin with a degree of substitution of greater than 2 on the basis of one repeating unit in a composition comprising a liquid fatty phase and pigments, wherein the mixture of fatty acid esters of dextrin is effective for imparting on the composition at least one property.

102. The method according to Claim 101, wherein the repeating unit of the at least one fatty acid esters of dextrin is a glucose unit.